

# Work Order ID 73502

Thursday, September 01, 2011 12:37:01 PM



Page 1

Item ID: D3242-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Tag

Start Date: 9/1/2011 Start Qty: 12.00



Cust Item ID:

Required Date: 9/1/2011 Req'd Qty: 12.00



Customer:

Reference:

Approvals: Process Plan: *V*

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr	Revision Nbr
D3242	Rev C

100



PURCHASING

Purchasing

Memo

Purchasing

Issue P/O: 14806 D3242-1 Tag as per Dwg D3242! Material: Hyland Industries M0100840 urethane coated nylon (orange color); use 0.25" high black lettering! Possible Supplier: Tulmar Safety Systems Inc. Mat'l #1508! Material release note is required

110



Receive & Inspect for Damage & Mat'l Certs

Packaging

Packaging

Memo

Packaging

Ensure Material Release Note is attached

120



QC6- Inspect dimensions to drawing

QC

Quality Control

0.00

0.00

0.00

8/10/13

12

14/9/13 12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

Thursday, September 01, 2011 12:36:59 PM

Page 1

Work Order ID: 73502



## Work Order ID 73502

Thursday, September 01, 2011 12:37:01 PM



Page 2

Item ID: D3242-1

Accept



Setup

Start



Revision ID:

Item Name: Tag

Stop



Start Date: 9/1/2011 Start Qty: 12.00



Cust Item ID:

Required Date: 9/1/2011 Req'd Qty: 12.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

130



Packaging

Packaging

Operation  
Description

Identify as per dwg & Stock Location: *STO 49*

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

0.00

140



QC

Quality Control

Memo

0.00

QC21- Final Inspection - Work Order Release

Memo

0.00

*Sept 8/13 (b)*

*11/14/13*

*11/10/13 (12)*

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

H:\f\FORMS\Quality Assurance\approved QA\NCRWO RevE

--	--	--	--	--	--	--	--	--

NOTE: Date & initial all entries

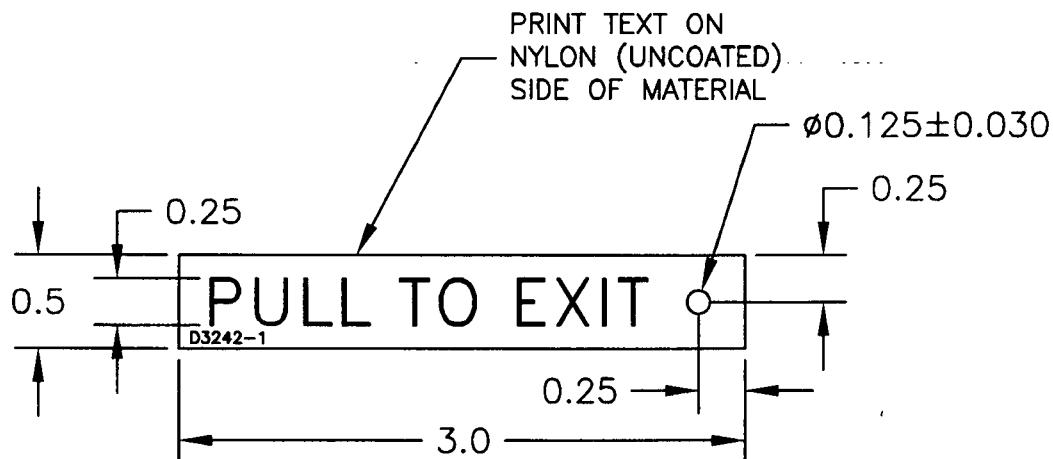
H:\f\FORMS\Quality Assurance\approved QA\NCRWO RevE

**DART**

DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED	APPROVED	DRAWING NO. D3242
CE		REV. C SHEET 1 OF 1
DATE		TITLE TAG
07.04.03		SCALE 1:1
A	04.01.06	NEW ISSUE
B	04.02.09	RE-DESIGN
C	07.04.03	CORRECT/UPDATE MATERIAL; ADD TOL; ADD 0.25 DIM; SPECIFY PRINTING SIDE

RELEASED

07.04.09

D3242-1 TAG

Wb 73502

NOTES:

- 1) MATERIAL: HIGHLAND INDUSTRIES M0100840 URETHANE COATED NYLON, ORANGE (REF TULMAR MATERIAL #1508)  
OR  
LAMCOTEC COATING TECHNOLOGIES INC. 200 DENIER URETHANE COATED NYLON, #310 ORANGE (REF TULMAR MATERIAL #1703)
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO14806**

Purchase Order Date 9/1/2011  
PO Print Date 9/1/2011

Page Number 1 of 1

Order From : VC-TUL001

TULMAR SAFETY SYSTEMS  
1123 CAMERON ST  
HAWKESBURY, ON K6A 2B8  
CA

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	CAD
	FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

*RECEIVED  
9/1/2011*

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3242-1P	Tag	9/12/2011	12.00 Yes	Each	\$11.9500	\$143.40

Special Inst: AS PER DWG D3242 REV. C  
B73502

PO Total: *2* \$143.40



No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 9/1/2011

# PACKING SLIP

# TULMAR

Tulmar Safety Systems Inc.  
1123 Cameron Street  
Hawkesbury, ON K6A 2B8 CA  
Tel: 613-632-1282  
Fax: 613-632-2030  
MID : XOTULSAF1123HAW  
email: info@tulmar.com

Packing Slip No.:

**41002**

Ship Date:

9-Sep-11

*Copy*

Bill To:

**Dart Aerospace**  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7. Canada

Ship to:

**Dart Aerospace**  
1270 Aberdeen Street  
Tel: 613-632-9577  
Hawkesbury, ON K6A 1K7. Canada

Order number	Sales order date	Account number	Account manager
27285	2-Sep-11	CDART100	Barney Bangs
PO number	Ship Via	Shipping Terms	
PO14806	Pick-Up	FOB HAWKESBURY	
Item No.	Quantity ordered	UOM	Qty Shipped/Returned
Description			Quantity on back order

5385

12

EA

12

Label Dart, Black letters/Size 3"x 1/2"

Drawing No: D3242 (P/N D3242-1)

DWG Rev: C

Line 1

**Lot No:** BATCH0000000020 **Qty:** 12

Shipper

*Rick Andrews*

Date:

**SEP 09 2011**

## Certificate of Conformance

Not Applicable

See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.

If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

Authorized Inspector

*Roxanne Lanthier*

Date:

**SEP 09 2011**



Laboratory Report Number: TULM001 - 25675

Lamcotec Factory Order Number: 17085

**TULMAR SAFETY SYSTEMS, INCORPORATED**  
1123 CAMERON STREET  
HAWKESBURY, ONTARIO K6A 2Y2  
CANADA

Product Description:

Heat Sealable Urethane

#310 FL Orange, 200 Denier Nylon Oxford  
Fed. Std. 595B #38903

Tulmar Specification Number:	Mil-C-83489/1- Modified
LCT Specification Number:	2493
Tulmar Order Number:	6949/02
LCT Invoice Number:	25675
LCT Manufacturing Date	03/20/2004
LCT Lab Report Date:	03/22/2004
Width, Inches:	58
Width, Centimeters:	147
Number of Rolls:	12
Number of Net Lineal Yards:	1663
Number of Net Lineal Meters:	1521
Bill of Lading Number:	12549

**TEL: (413) 267-4808 FAX: (413) 267-5265**  
**152 BETHANY RD. PO BOX 279 MONSON, MA 01057**

Report Page 2

Laboratory Report Number: TULM001 - 25675  
Lamcotec Factory Order Number: 17085

Test	Test Method	Result	Lamcotec Quality Control Production Requirement
4. Breaking Strength	5100	<u>245</u> Pounds (f) / Inch <u>220</u>	200 Min. Warp 170 Min. Weft
		<u>1073</u> Newtons (f) / 25 Millimeters <u>963</u>	876 Min. Warp 744 Min. Weft
5. Breakaway Adhesion (RF Weld) Film to Film	Mil-C-83489 4.4.1	<u>74</u> Pounds (f) / Inch <u>324</u> Newtons (f) / 25 Millimeters	32 Min. Warp 140 Min. Warp
6. Air Retention (Film Side Only)	Mil-C-83489 4.4.2	<u>Pass</u>	No Leaks / 10 PSI / 5 Minutes No Leaks / 69 KPA / 5 Minutes
7. Low Temperature	Mil-C-83489 4.4.3	<u>Pass</u>	No Cracking Flaking or Separation
8. Blocking	5872	<u>Pass</u>	Scale Rating - #1 or #2
9. Breaking Strength After Humid Aging	Mil-C-83489 4.4.4 5100	<u>Test</u> Pounds (f) / Inch <u>In</u> <u>Process</u> Newtons (f) / 25 Millimeters	160 Min. Warp 136 Min. Weft 700 Min. Warp 595 Min. Weft

Items Not Required By Mil-C-83489 / 1 Notice 2 Modified, May 11, 1990

10. Elongation at Break	5100	<u>48</u> % <u>67</u> %	No Requirement Warp No Requirement Weft
11. Strip Adhesion (Heat Sealed) Film to Film	5970	<u>55</u> Pounds (f) / Inch <u>241</u> Newtons (f) / 25 Millimeters	15 Min. Warp 66 Min. Warp

TSS #1703/02

Test Reference:Mil-C-83489/1 Notice 2 Modified, May 11, 1990, Fed-STD 191A,  
Mil-STD 810ECompliance Certificate:

- I hereby certify that the materials tendered by this report have been manufactured and tested in compliance with the aforementioned specifications.
- Dyed base fabric and urethane pigments of this product were purchased by Lamcotec under the stipulation that they do not contain "AZO" compounds. ("AZO" list available upon request)
- This product is not intended for manufacturing devices used for the containment of food or drinking water.
- Urethane films and coating of this product were purchased by Lamcotec under the stipulation that they have been produced in a repeatable manner. However, due to the nature of the materials used to produce urethane films some variations may occur. Lamcotec cannot be held liable for customer variation in sealing.
- Due to the nature of the material and susceptibility to various storage conditions, Lamcotec is unable to supply a shelf life to our laminates. However, under normal and proper storage, protection from outside elements, and ultra violet lighting the material should store for extended periods of time without adverse effects.

Test	Test Method	Result	Lamcotec Quality Control Production Requirement
<b>Items Required By Mil-C-83489 / 1 Notice 2 - Modified, May 11, 1990</b>			
1. Base Fabric	5041	3.0 Ounces / Square Yard	3.0 Nominal
Weight		102.1 Grams / Square Meter	101.7 Nominal
2. Total Weight	5041	7.0 Ounces / Square Yard	6.5 Minimum 7.5 Maximum
		236.7 Grams / Square Meter	220.4 Minimum 254.3 Maximum
3. Tongue Tear	5134	6 Pounds (f) 4 27 Newtons (f) 18	4 Min. Warp 3 Min. Weft  16 Min. Warp 11 Min. Weft

TSS # 1703/02

Report Page 3

Laboratory Report Number: TULM001 - 25675  
Lamcotec Factory Order Number: 17085

Test	Test Method	Result	Lamcotec Quality Control Production Requirement
<b>12. Hydrostatic</b>	5512	<u>235</u> Pounds (f) / Square Inch <u>1620</u> Kilopascals	170 Minimum 1172 Minimum
<b>13. Hydrostatic</b>	5514 Low Pressure	<u>Pass</u> <u>Pass</u>	No Leaks / 1.5 PSI / 5 Minutes No Leaks / 10 KPA / 5 Minutes
<b>14. Mildew Resistance</b>	Mil-STD.810E MTD 508.4	<u>Pass</u>	No Fungal Growth Minimum

BS #1703/02 (4)

Report Page 4

Laboratory Report Number: TULM001 - 25675  
Lamcotec Factory Order Number: 17085

---

---

Signed

Richard J. Anderson, Jr.  
Vice President - Operations

Signed

Richard J. Malo  
Quality Control Manager

Signed

*LM*  
Laboratory Clerk  
Initials

Distribution:

Copy - Tulmar - Shipment  
Copy - Tulmar - Mail  
Copy - Laboratory  
Update: 10/30/2003

TS # 1703/02

(5)



THE

**DISCOVERY/LANCER GROUP**



1-145 Riviera Drive, Markham Ontario L3R-5J6  
Tel: 905-470-0744 Fax: 905-470-9454

## **Certificate of Compliance**

DATE: July 5th 2010

OUR PROD. NO.: TW-1091-4

CUSTOMER P/O NO.: 18089-00

CUSTOMER: Tulmar Safety Systems Inc.

PRODUCT: MULTI PLASTIC RETARDER

QTY. SHIPPED: 4 LITRES

LOT NO.: 301330

ROLL NO.: N/A

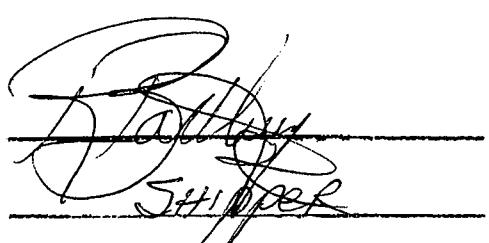
MANUFACTURING DATE: 2010

SHelf-LiFe: 5 yrs.

We certify that the product,

was manufactured, inspected and Conforms to specifications  
applicable to the product.

Signature: 

Title: 

TES #7306-RET/07 (



THE

**DISCOVERY/LANCER GROUP**

1-145 Riviera Drive, Markham Ontario L3R-5J6  
Tel: 905-470-0744 Fax: 905-470-9454

## **Certificate of Compliance**

DATE:

MAY 17 2011

OUR PROD. NO.:

11025 (1016 G)

CUSTOMER P/O NO.:

20383-00

CUSTOMER:

Tulmar Safety Systems Inc.

PRODUCT:

TW MULTI PLASTIC INK

QTY. SHIPPED:

1 GALLON

LOT NO.:

011510008

ROLL NO.:

\_\_\_\_\_MANUFACTURING DATE : Nov 5th 2010SHELF-LIFE : 5 YRS.

We certify that the product,

11025 BLACKTW MULTI PLASTIC INKwas manufactured, inspected and Conforms to specifications  
applicable to the product.Signature: Title: Shopper

TSS # 7306/27